

DEPARTMENT OF TRANSPORTATION

DIVISION OF TRAFFIC OPERATIONS

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*Making Conservation
a California Way of Life.*

August 20, 2019

Mr. Gerrit Verwijs
Verdegro Holding BV
Munnikenheiweg 59, 4879 NE Etten-Leur
Netherlands

Dear Mr. Verwijs:

The BLADE Truck Mounted Attenuator (TMA) is approved for use on California State highways at test level 3 (TL-3). This approval was recommended by the California Department of Transportation's (Caltrans) Highway Safety Features New Products Committee (HSFNPC), based on information you provided indicating the device complied with the requirements of the Manual for Assessing Safety Hardware (MASH). FHWA letter HSST-1/CC-136 states that the BLADE TMA is eligible for Federal reimbursement as a TL-3 safety device.

Our understanding is that the BLADE TMA is a patent-pending, proprietary truck mounted attenuator that has a length of 19 feet, 4 inches and a width of 7 feet, 7 inches, with a transport height of 12 feet, 11 inches, and weighs approximately 3, 500 pounds. It consists of a section with parallel H-beams attached to the sides of the impact head that slide inside the aluminum tubes. It has 12 internal blades that cut through the aluminum composite H-beams and the aluminum tubes during an impact.

The BLADE TMA will be included on the Caltrans Authorized Materials List and will be an equal alternative to other MASH TL-3 truck mounted attenuators. Reference Installation Manual Ver 4.91 for Caltrans use. If the device or the manual are modified, the change(s) must be resubmitted to Caltrans for review. Any changes to the product must result in a product that still meets MASH standards.

If you have any questions, please contact Randy Hiatt, Chair, HSFNPC at <randy.hiatt@dot.ca.gov>.

Sincerely,

A handwritten signature in blue ink, appearing to read "Duper Tong".

DUPER TONG, Chief
Office of Traffic Engineering

c: Randy Hiatt, Chair, HSFNPC